

553.2805

ILL

Sup

1950

cop.2



Digitized by the Internet Archive
in 2013

<http://archive.org/details/oilgasdrillingin1950illi>

53.2805
ILL
sup.
1950
cop. 2

State of Illinois
Adlai E. Stevenson, Governor
Department of Registration and Education
Noble J. Puffer, Director

Division of the
STATE GEOLOGICAL SURVEY
M. M. Leighton, Chief
Urbana, Illinois

SUPPLEMENT TO OIL AND GAS DRILLING REPORT

OIL AND GAS PRODUCING FORMATIONS
August 1, 1950

By

Virginia Kline and L. W. Clutter

The charts showing oil and gas producing formations in Illinois, geological column, generalized structure section of the Illinois basin, and index map of Illinois, which heretofore have been bound with each issue of the Oil and Gas Drilling Report, are herein issued as a separate supplement.

This supplement will be revised annually and one copy will be sent to each subscriber with the November Drilling Report. Thereafter a copy will be furnished each new subscriber and one will accompany any issue that is bought separately, but it will be omitted as a regular monthly feature. Since the supply of these supplements is limited, please preserve your copy.

THE UNIVERSITY OF ILLINOIS
JAN 7

UNIVERSITY OF
ILLINOIS LIBRARY
AT URBANA-CHAMPAIGN

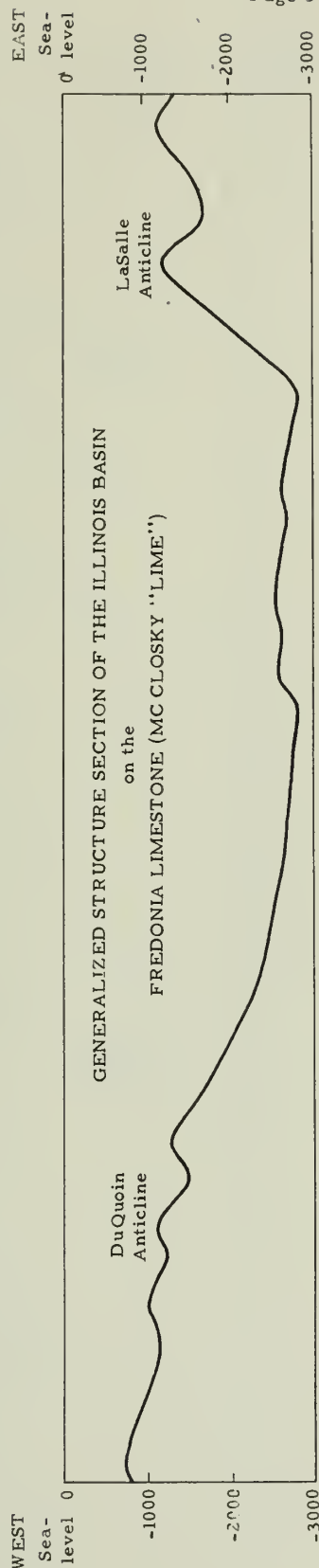
ILLINOIS STATE GEOLOGICAL SURVEY
Urbana, Illinois

GEOLOGIC COLUMN FOR SOUTHERN ILLINOIS

System or Series	Group or Formation, and Lithology*
Pleistocene	Glacial drift and loess
Pliocene	Chert gravel
Eocene	Sand and clay
Paleocene	Sand and clay
Cretaceous	Sand and clay
Pennsylvanian	McLeansboro group - sh., ss., thin ls., and coal
	Carbondale group - sh., ls., ss., coal
	Tradewater group - ss., sh., and thin coal
	Caseyville group - ss., sh., and thin coal
Chester (Upper Mississippian) Series	Kinkaid - ls., sh. Degonia - ss. Clore - ls., sh., ss. Palestine - ss. Menard - ls., sh. Waltersburg - ss. Vienna - ls., sh. Tar Springs - ss. Glen Dean - ls., sh. Hardinsburg - ss. Golconda - ls., sh. Cypress - ss. Paint Creek - ls., sh., ss. Bethel - ss. Renault - ls., sh., ss. Aux Vases - ss.
Iowa (Lower Mississippian) Series	Ste. Genevieve <div> { Levias - ls. Rosiclare - ss. Fredonia - ls. } </div>
	St. Louis - ls. Salem - ls. Warsaw - ls. Keokuk - ls. Burlington - ls. Fern Glen - ls. <div> { Osage group } </div>
	Kinderhook - sh., ls., ss.
Mississippian and Devonian	Chattanooga - New Albany sh.
Devonian	Limestone
Silurian	Dolomite
Ordovician	Maquoketa - sh.
	Kimmswick - ls.
	Plattin - ls.
	Joachim - ls.
	St. Peter - ss.
Pre-St. Peter	Unidentified

*ls. - limestone; ss. - sandstone; sh. - shale

Page 3



ILLINOIS STATE GEOLOGICAL SURVEY
Urbana, Illinois

Page 4

OIL AND GAS PRODUCING STRATA IN ILLINOIS

System or Series	Group or Formation	Producing Strata (Sandstone unless otherwise noted)	Pool: County	Approximate depth in feet
Pennsylvanian system	McLeansboro and Carbondale groups	Bellair 500	Bellair: Crawford, Jasper	560
		Upper gas sand	Casey: Clark	265
		Lower gas sand	Casey: Clark	310
		Casey	Casey: Clark	450
		Shallow sand	Johnson North: Clark	315
		Claypool	Johnson North: Clark	420
		Casey	Johnson North: Clark	465
		Upper Partlow	Johnson North: Clark	535
		Claypool	Johnson South: Clark	390
		Casey	Johnson South: Clark	450
		Upper Partlow	Johnson South: Clark	490
		Dykstra	Junction City: Marion	510
		Wilson	Junction City: Marion	610
		Pennsylvanian	Lawrence: Lawrence, Crawford	290
		Shallow sand	Main: Crawford	510
		"	Martinsville: Clark	250
		Casey	Martinsville: Clark	500
		Upper Siggins	Siggins: Cumberland, Clark	370
		2nd and 3rd Siggins	Siggins: Cumberland, Clark	480
		Lower Siggins	Siggins: Cumberland, Clark	580
	Tradewater and Caseyville groups	Gas sand	Westfield: Clark, Coles, Edgar	280
		Pennsylvanian	York (1): Cumberland, Clark	590
		Several Sands	Albion Consol.: Edwards, White	1650-2100
		"	Allendale: Wabash, Lawrence	400-1500
		Robinson	Allison-Weger: Crawford	915
		"800"	Bellair: Crawford, Jasper	800
		Pennsylvanian	Benton: Franklin	1700
		"	Carlinville: Macoupin	380
		"	Carlinville North: Macoupin	440
		"	Dudley: Edgar	350-450
		Biehl	Friendsville North: Wabash	1615
		Pennsylvanian	Gillespie-Benld gas (1): Macoupin	540
		"	Gillespie-Wyen: Macoupin	650
		"	Herald: White, Gallatin	1060-1750
		"	Inclose: Edgar	340
		"	Inman: Gallatin	925
		"	Inman East Consol.: Gallatin	780
		"	Jacksonville gas (1): Morgan	330
		Lower Partlow	Johnson South: Clark	600
		Pennsylvanian	Junction: Gallatin	1000-1430
		Petro	Junction City: Marion	610
		Pennsylvanian	Junction North: Gallatin	1565
		"	Keensburg South: Wabash	1145
		Biehl	Lancaster East: Wabash	1745
		Bridgeport	Lawrence: Lawrence, Crawford	800-950
		Buchanan	Lawrence: Lawrence, Crawford	1250
		Pennsylvanian	Litchfield (2): Montgomery	660
		"	Livingston: Madison	535
		"	Livingston South: Madison	540
		Bartschi	Louden: Fayette, Effingham	1000
		Robinson	Main, Birds, etc.: Crawford	900-1000
		Biehl	Maud Consol.: Wabash	1750
		Pennsylvanian	Maunie North: White	1320
		"	Maunie South: White	1400
		Several Sands	Mt. Carmel: Wabash	1370-1520
		Pennsylvanian	Mt. Olive: Montgomery	600
		"	New Bellair: Crawford	1165
		Several Sands	New Harmony-Keensburg Consol.: White, Wabash, Edwards	720-1880
		Robinson	New Hebron: Crawford	940
		Pennsylvanian	Omaha: Gallatin	365, 1335
		"	Panama: Bond, Montgomery	575
		"	Parkersburg South: Edwards	1390
		Several Sands	Phillipstown Consol.: White, Edwards	795-1450
		Pennsylvanian	Plainview: Macoupin	410
		"	Raymond: Montgomery	590
		"	Rochester: Wabash	1300
		"	Roland: White, Gallatin	x

(1) Abandoned; (2) Abandoned, revived; (x) Undetermined

System or Series	Group or Formation	Producing Strata (Sandstone unless otherwise noted)	Pool: County	Approximate depth in feet
Pennsylvanian	Tradewater and Caseyville groups	Pennsylvanian	Ruark: Lawrence	1510-1615
		Bridgeport	Russellville gas: Lawrence	760
		Buchanan	Russellville gas: Lawrence	1100
		Pennsylvanian	Spanish Needle Creek (1): Macoupin	300
		"	Staunton gas (1): Macoupin	460
		"	Waggoner: Montgomery	610
		Petro	Wamac: Marion, Clinton, Washington	720
		Pennsylvanian	Warrenton-Borton: Edgar, Coles	160
		"	Waverly: Morgan	255
		"	Westfield East: Clark	400
		"	Westfield North: Coles	275, 400
Chester (Upper Mississippian) series	Degonia	Degonia	Albion Consol.: Edwards, White	2125
		"	Herald: White, Gallatin	1920
		"	Inman East Consol.: Gallatin	1690
		"	Maunie South: White	1905
		"	New Harmony-Keensburg Consol.: White, Wabash, Edwards	1925
		"	New Harmony South (Ind.): White	1850
		"	Phillipstown Consol.: White, Edwards	1975
	Clore	Clore	Epworth: White	2100
		"	Inman East Consol.: Gallatin	1725
		"	New Harmony-Keensburg Consol.: White, Wabash, Edwards	1980
		"	Phillipstown Consol.: White, Edwards	2010
		"	Roland: White, Gallatin	x
	Palestine	Palestine	Centerville East: White	2225
		"	Eldorado: Saline	1940
		"	Inman: Gallatin	1750
		"	Inman East Consol.: Gallatin	1840
		"	Inman West Consol.: Gallatin	1915
		"	Maud Consol.: Wabash	1775
		"	Maunie South: White	2010
		"	Mt. Carmel: Wabash	1580
		"	New Harmony-Keensburg Consol.: White, Wabash, Edwards	2000
		"	New Harmony South (Ind.): White	1950
		"	Omaha: Gallatin	1700
		"	Phillipstown Consol.: White, Edwards	2050
		"	Stokes-Brownsville: White	2085
	Waltersburg	Waltersburg	Albion Consol.: Edwards, White	2365
		"	Allendale: Wabash, Lawrence	1540
		"	Bend: White	2350
		"	Concord East Consol.: White	2145
		"	Helena: Lawrence	1780
		"	Herald: White, Gallatin	2240
		"	Herald East: White, Gallatin	2290
		"	Inman: Gallatin	1990
		"	Inman East Consol.: Gallatin	1980
		"	Inman West Consol.: Gallatin	x
		"	Iron: White	2270
		"	Junction: Gallatin	1770
		"	Maud Consol.: Wabash	1940
		"	Maunie South: White	2210
		"	Mt. Carmel: Wabash	1690
		"	New Harmony-Keensburg Consol.: White, Wabash, Edwards	2150
		"	New Harmony South: White	2250
		"	New Harmony South (Ind.): White	2120
		"	Phillipstown Consol.: White, Edwards	2280
		"	Rochester: Wabash	1940
		"	Roland: White, Gallatin	2150
	Tar Springs	Tar Springs	Samsville (1): Edwards	2430
		"	Storms: White	2230
		"	Sumpter South: White	2570
		"	Albion Consol.: Edwards, White	2450
		"	Allendale: Wabash, Lawrence	1610
		"	Benton: Franklin	2100
		"	Browns: Edwards, Wabash	2365
		"	Centerville East: White	2460

System or Series	Group or Formation	Producing Strata (Sandstone unless otherwise noted)	Pool: County	Approximate depth in feet
Chester (Upper Mississippian) series	Tar Springs	Tar Springs	Concord: White	2270
		"	Concord East Consol.: White	2175
		"	Concord South: White	2300
		"	Cottonwood: Gallatin	2315
		"	Dale-Hoodville Consol.: Hamilton	2430
		"	Eldorado: Saline	2205
		"	Epworth East: White	2360
		"	Fairfield: Wayne	2560
		"	Herald: White, Gallatin	2260
		"	Herald East: White, Gallatin	2365
		"	Inman: Gallatin	2130
		"	Inman East Consol.: Gallatin	2080
		"	Inman West Consol.: Gallatin	2180
		"	Iola Consol. (2): Clay, Effingham	1890
		"	Iron: White	2385
		"	Kenner: Clay	2200
		"	Maud Consol.: Wabash	1960
		"	Maud North Consol.: Wabash	2115
		"	Maunie South: White	2245
		"	Mt. Carmel: Wabash	1790
		"	New Harmony-Keensburg Consol.: White, Wabash, Edwards	2215
		"	New Harmony South: White	2350
		"	New Haven Consol.: White	2105
		"	Omaha: Gallatin	1900
		"	Phillipstown Consol.: White, Edwards	2290
		"	Roland: White, Gallatin	2240
		"	Sailor Springs Consol.: Clay, Effingham	2340
		"	Stokes-Brownsville: White	2295
		"	Storms: White	2340
		"	Sumpter: White	2575
		"	Walpole: Hamilton	2465
		"	West Frankfort: Franklin	2060
	Glen Dean	Glen Dean	Sailor Springs Consol.: Clay, Effingham	2390
	Hardinsburg	Hardinsburg	Albion Consol.: Edwards, White	2635
		"	Allendale: Wabash, Lawrence	1780
		"	Inman East Consol.: Gallatin	2135
		"	Inman West Consol.: Gallatin	2340
		"	Iron: White	2500
		"	Junction: Gallatin	2120
		"	Lawrence: Lawrence, Crawford	1570
		"	Maud Consol.: Wabash	2115
		"	New Haven Consol.: White	2250
		"	St. Francisville East: Lawrence	1455
	Golconda	Jackson	Lawrence: Lawrence, Crawford	1360
		"	Mt. Carmel: Wabash	2020
		Golconda	Panama: Bond, Montgomery	700
		"	St. James: Fayette	1490
	Cypress	Cypress-Weiler	Akin: Franklin	2835
		"	Akin West: Franklin	2700
		"	Albion Consol.: Edwards, White	2860
		"	Albion East: Edwards	2800
		"	Allendale: Wabash, Lawrence	1920
		"	Ava-Campbell Hill (1): Jackson	780
		Carlyle	Bartelso: Clinton	980
		Cypress-Weiler	Bartelso West: Clinton	930
		Bellair 900	Bellair: Crawford, Jasper	890
		Cypress-Weiler	Benton North: Franklin	2460
		"	Bible Grove North: Effingham	2535
		"	Bible Grove South: Clay	2500
		"	Bone Gap South: Edwards	2710
		"	Brown: Marion	1660
		"	Browns: Edwards, Wabash	2640
		"	Browns East: Wabash	2570
		"	Carmi North: White	2930
		Carlyle	Carlyle: Clinton	1030
		Cypress-Weiler	Centerville East: White	2915
		Stein	Centralia: Clinton, Marion	1200

System or Series	Group or Formation	Producing Strata (Sandstone unless otherwise noted)	Pool: County	Approximate depth in feet
Chester (Upper Mississippian) series	Cypress	Cypress-Weiler	Clay City-Noble Consol.: Clay, Wayne, Richland, Jasper	2635
		"	Clay City North: Clay	2650
		"	Clay City West: Clay	2700
		"	Concord: White	2625
		"	Concord Central: White	2610
		"	Dale-Hoodville Consol.: Hamilton	2680
		"	Dubois: Washington	1185
		"	Dubois West: Washington	1180
		"	Eberle: Effingham	2475
		"	Epworth East: White	2730
		"	Fairfield: Wayne	2945
		Carlyle	Frogtown (2): Clinton	950
		Cypress-Weiler	Grayville West: White, Edwards	2870
		Upper Lindley	Greenville gas (1): Bond	930
		Cypress-Weiler	Herald: White, Gallatin	2660
		"	Hoffman: Clinton	1190
		"	Inman East Consol.: Gallatin	2390
		"	Inman West Consol.: Gallatin	2500
		"	Iola Consol. (2): Clay, Effingham	2125
		"	Iron: White	2710
		"	Irvington: Washington	1380
		"	Kenner West: Clay	2570
		"	Langewisch-Kuester (1): Marion	1600
		Kirkwood	Lawrence: Lawrence, Crawford	1400
		Cypress-Weiler	Louden: Fayette, Effingham	1495
		"	Mattoon: Coles	1830
		"	Maud Consol.: Wabash	2300
		"	Maud North Consol.: Wabash	2500
		"	Maunie South: White	2560
		"	Mt. Carmel: Wabash	2025
		"	New Harmony-Keensburg Consol.: White, Wabash, Edwards	2570
		"	New Haven Consol.: White	2440
		"	Odin: Marion	1745
		"	Parkersburg Consol.: Richland, Edwards	2830
		"	Passport South: Richland	2665
		"	Patoka East: Marion	1350
		"	Phillipstown Consol.: White, Edwards	2720
		"	Posey: Clinton	1100
		"	Raccoon Lake: Marion	1640
		"	Richview: Washington	1520
		"	Roland: White, Gallatin	2570
		"	Rural Hill: Hamilton	2705
		"	St. James: Fayette	1580
		"	Sailor Springs Consol.: Clay, Effingham	2590
		"	Sailor Springs East: Clay	2690
		"	Sandoval West: Clinton	1420
		"	Santa Fe (1): Clinton	955
		"	Shattuc: Clinton	1280
		Sparta Gas	Sparta (1): Randolph	850
		Cypress-Weiler	Sparta South: Randolph	880
		"	Stanford: Clay	2700
		"	Stokes-Brownsville: White	2665
		"	Storms: White	2655
		"	Sumpster: White	2865
		"	Tamaroa: Perry	1130
		"	Thompsonville North: Franklin	2750
		"	Trunbull: White	2845
		"	Whittington: Franklin	2540
		"	Whittington South: Franklin	2575
		"	Woburn South: Bond	860
		"	Woodlawn: Jefferson	1800
	Paint Creek	Paint Creek	Albion East: Edwards	2910
		Stray	Benton North: Franklin	2595
		Paint Creek	Dale-Hoodville Consol.: Hamilton	2900
		"	Herald: White, Gallatin	x
		"	Iola Consol. (2): Clay, Effingham	2255
		Stray	Louden: Fayette, Effingham	1530
		Paint Creek	Maud Consol.: Wabash	2480
		Stray	Maunie North: White	2830
		Paint Creek	New Harmony-Keensburg Consol.: White, Wabash, Edwards	2670

(1) Abandoned; (2) Abandoned, revived; (x) Undetermined

System or Series	Group or Formation	Producing Strata (Sandstone unless otherwise noted)	Pool: County	Approximate depth in feet
Chester (Upper Mississippian) series	Paint Creek	Paint Creek	Parkersburg Consol.: Richland, Edwards	2955
		"	Phillipstown Consol.: White, Edwards	2775
		"	Roland: White, Gallatin	2750
		"	Rural Hill: Hamilton	3040
		"	Stokes-Brownsville: White	2800
	Bethel	Bethel or Benoist	Albion Consol.: Edwards, White	2960
		"	Albion East: Edwards	2920
		"	Allendale: Wabash, Lawrence	2010
		"	Alma: Marion	1950
		"	Assumption North: Christian	1045
		"	Ayers gas: Bond	940
		"	Beaver Creek: Bond, Clinton	1120
		"	Beaver Creek North: Bond	1120
		"	Beaver Creek South: Clinton	1140
		"	Benton North: Franklin	2600
		"	Boulder: Clinton	1190
		"	Boyd: Jefferson	2050
		"	Browns: Edwards, Wabash	2785
		"	Browns South: Edwards	2850
		"	Carlyle North: Clinton	1150
		"	Centerville East: White	2990
		"	Centerville North (1): White	2990
		"	Centralia: Clinton, Marion	1355
		"	Centralia West: Clinton	1440
		"	Clarksburg: Shelby	1770
		"	Clay City-Noble Consol.: Clay, Wayne, Richland, Jasper	2800
		"	Cordes: Washington	1260
		"	Cravat: Jefferson	2070
		"	Crossville: White	2880
		"	Dale-Hoodville Consol.: Hamilton	2950
		"	Dix: Jefferson, Marion	1950
		"	Dix South (1): Jefferson	1950
		"	Dubois: Washington	1370
		"	Dubois West: Washington	1350
		"	Elkville: Jackson	2000
		"	Fairman: Marion, Clinton	1435
		"	Fitzgerrell: Jefferson	2760
		"	Flora: Clay	2785
		"	Friendsville Central: Wabash	2330
		"	Herald: White, Gallatin	2790
		"	Hoffman: Clinton	1320
		"	Huey: Clinton	1260
		"	Inman West Consol.: Gallatin	x
		"	Iola Consol. (2): Clay, Effingham	2290
		"	Iola South: Clay	2420
		"	Iron: White	2850
		"	Irvington: Washington	1535
		"	Johnsonville Consol.: Wayne	2950
		"	Kenner: Clay	2690
		"	Kenner North: Clay	2760
		"	Kenner West: Clay	2705
		"	Keyesport: Clinton	1180
		"	Kinmundy: Marion	1910
		"	LaClede (2): Fayette	2335
		"	Lakewood: Shelby	1690
		"	Lancaster: Wabash, Lawrence	2535
		"	Lancaster North: Wabash	2295
		"	Lancaster South: Wabash	2520
		Tracey	Lawrence: Lawrence, Crawford	1650
		Bethel or Benoist	Louden: Fayette, Effingham	1550
		"	McKinley: Washington	1000
		"	Maud Consol.: Wabash	2465
		"	Maud North Consol.: Wabash	2560
		"	Maunie North: White	2825
		"	Maunie South: White	2735
		"	Miletus: Marion	2140
		"	Mt. Carmel: Wabash	2100
		"	New Harmony-Keensburg Consol.: White, Wabash, Edwards	2700
		"	New Harmony South: White	2820
		"	Oskaloosa: Clay	2600
		"	Panama: Bond, Montgomery	830

System or Series	Group or Formation	Producing Strata (Sandstone unless otherwise noted)	Pool: County	Approximate depth in feet
Chester (Upper Mississippian) series	Bethel	Bethel or Benoist	Parkersburg Consol.: Richland, Edwards	2930
		"	Parkersburg South: Edwards	2815
		"	Patoka: Marion	1420
		"	Patoka East: Marion	1470
		"	Phillipstown Consol.: White, Edwards	2810
		"	Roaches North: Jefferson	1930
		"	Roland: White, Gallatin	2760
		"	Ruark: Lawrence	2065
		"	St. Francisville: Lawrence	1840
		"	St. Francisville East: Lawrence	1750
		"	St. Paul: Fayette	1900
		"	Sailor Springs Consol.: Clay, Effingham	2785
		"	Salem: Marion	1770
		"	Samsville North: Edwards	2900
		"	Sandoval: Marion	1540
		"	Shattuc: Clinton	1420
		"	Stokes-Brownsville: White	2810
		"	Tonti: Marion	1940
		"	Waltonville: Jefferson	2465
		"	Whittington West: Franklin	2615
	Renault	Renault	Ab Lake: Gallatin	2735
		"	Albion Consol.: Edwards, White	3000
		"	Albion East: Edwards	2925
		"	Bungay Consol.: Hamilton	3270
		"	Inman West Consol.: Gallatin	2770
	Aux Vases	"	Iola Consol. (2): Clay, Effingham	2320
		"	Sesser: Franklin	2690
		Aux Vases	Ab Lake: Gallatin	2770
		"	Aden Consol.: Hamilton, Wayne	3175
		"	Aden South: Hamilton	3245
		"	Akin: Franklin	3120
		"	Albion Consol.: Edwards, White	3045
		"	Albion East: Edwards	3020
		"	Allendale: Wabash, Lawrence	2280
		"	Barnhill: Wayne	3325
		"	Belle Prairie: Hamilton	3250
		"	Beman: Lawrence	1805
		"	Beman East: Lawrence	1805
		"	Bennington: Edwards, Wayne	3145
		"	Benton North: Franklin	2685
		"	Bible Grove South: Clay	2750
		"	Blairsville: Hamilton	3280
		"	Bone Gap South: Edwards	3020
		"	Boyd: Jefferson	2130
		"	Browns South: Edwards	2955
		"	Bungay Consol.: Hamilton	3290
		"	Cantrell: Hamilton	3200
		"	Cantrell South: Hamilton	3110
		"	Carmi North: White	3220
		"	Centerville East: White	3075
		"	Cisne North: Wayne	3050
		"	Clay City-Noble Consol.: Clay, Wayne, Richland, Jasper	2940
		"	Clay City West: Clay	2950
		"	Coil: Wayne	2920
		"	Coil West: Jefferson	2720
		"	Concord: White	2905
		"	Concord Central: White	2900
		"	Concord North: White	2950
		"	Cooks Mills (1): Coles	1820
		"	Dale-Hoodville Consol.: Hamilton	3020
		"	Divide East: Jefferson	2620
		"	Dix: Jefferson, Marion	2000
		"	Eldorado: Saline	2865
		"	Ellery: Edwards, Wayne	3240
		"	Ellery South: Edwards	3210
		"	Enfield: White	3280
		"	Epworth East: White	3000
		"	Ewing: Franklin	2835

System or Series	Group or Formation		Producing Strata (Sandstone unless otherwise noted)	Pool: County	Approximate depth in feet
Chester (Upper Mississippian) series		Aux Vases	Aux Vases	Fairfield: Wayne	3200
			"	Fairfield East: Wayne	3180
			"	Flannigan: Hamilton	3240
			"	Flora: Clay	2875
			"	Gays (1): Moultrie	1935
			"	Goldrengate Consol.: Wayne, White	3180
			"	Goldengate West: Wayne	3230
			"	Herald: White, Gallatin	2920
			"	Herald East: White, Gallatin	2930
			"	Herald North: White	2900
			"	Inman: Gallatin	2745
			"	Inman East Consol.: Gallatin	2715
			"	Inman West Consol.: Gallatin	2800
			"	Iola Consol. (2): Clay, Effingham	2325
			"	Johnsonville Consol.: Wayne	3020
			"	Johnsonville South (2): Wayne	3060
			"	Johnsonville West (2): Wayne	2960
			"	Junction North: Gallatin	2725
			"	Keenville: Wayne	2980
			"	Kenner: Clay	2835
			"	Kenner North: Clay	2790
			"	King: Jefferson	2725
			"	Lakewood: Shelby	1720
			"	Lancaster: Wabash, Lawrence	x
			"	Lawrence: Lawrence, Crawford	1810
			"	Louden: Fayette, Effingham	1630
			"	Maplegrove: Edwards	x
			"	Marion: Williamson	2385
			"	Markham City North: Jefferson, Wayne	2945
			"	Markham City West: Jefferson	2905
			"	Mattoon: Coles	1900
			"	Maud Consol.: Wabash	2545
			"	Maunie North: White	2930
			"	Maunie South: White	2840
			"	Miletus: Marion	2200
			"	Mill Shoals: Wayne, White, Hamilton	3220
			"	Mt. Carmel: Wabash	x
			"	Mt. Erie North: Wayne	3110
			"	Mt. Vernon: Jefferson	2665
			"	New Harmony-Keensburg Consol.: White, Wabash, Edwards	2825
			"	New Harmony South: White	3005
			"	New Haven Consol.: White	2715
			"	Phillipstown Consol.: White, Edwards	2880
			"	Roland: White, Gallatin	2880
			"	Rural Hill: Hamilton	3140
			"	Rural Hill West: Hamilton	3230
			"	Ste. Marie West: Jasper	2720
			"	Sailor Springs Consol.: Clay, Effingham	2825
			"	Salem: Marion	1825
			"	Sesser: Franklin	2700
			"	Shawneetown: Gallatin	2650
			"	Shelbyville: Shelby	1860
			"	Stanford South: Clay	2960
			"	Stewardson: Shelby	1940
			"	Stokes-Brownsville: White	2890
			"	Storms: White	3015
			"	Thackeray: Hamilton	3360
			"	Thompsonville East: Franklin	3150
			"	Thompsonville North: Franklin	3100
			"	Tonti: Marion	2010
			"	Trumbull: White	3170
			"	Walpole: Hamilton	3070
			"	West End: Hamilton, Saline	3140
			"	West Frankfort: Franklin	2710
			"	Whittington West: Franklin	2680
			"	Williams: Jefferson	2585
			"	Woodlawn: Jefferson	1975
			"	Xenia: Clay	2790
Iowa	Ste. Genevieve	Levias member	"Lower Ohara lime"	Akin West: Franklin	3050
			"	Albion Consol.: Edwards	3110
			"	Albion East: Edwards	3100
			"	Allendale: Wabash, Lawrence	2300

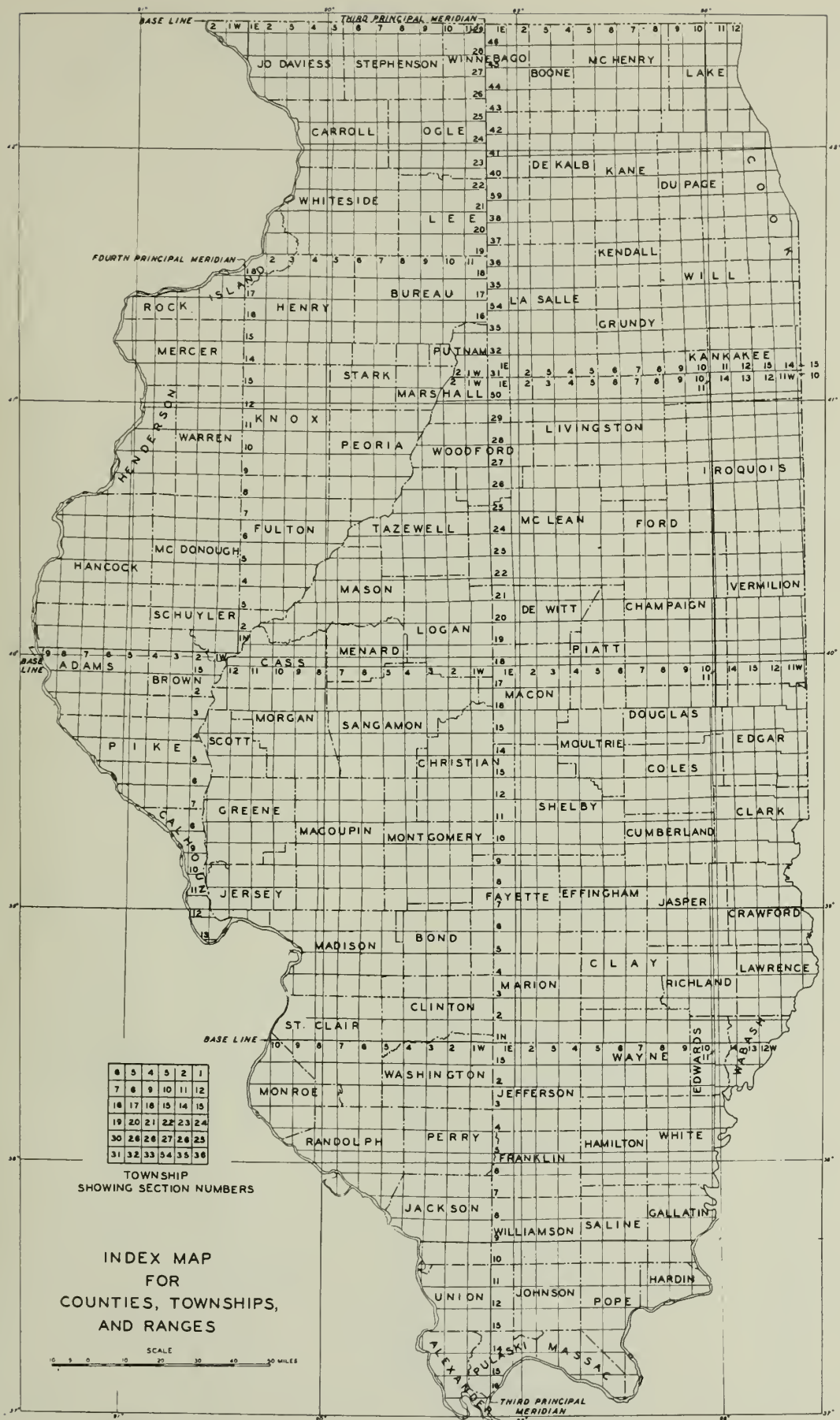
System or Series	Group or Formation	Producing Strata (Sandstone unless otherwise noted)	Pool: County	Approximate depth in feet
Iowa (Lower Mississippian) series	Ste. Genevieve	"Lower Ohara lime"	Barnhill: Wayne	3370
			Benton North: Franklin	2730
			Berryville Consol.: Wabash, Edwards	2890
			Bessie: Franklin	2895
			Blairsville: Hamilton	3335
			Boyd: Jefferson	2230
			Browns: Edwards, Wabash	2965
			Calhoun Consol.: Richland, Wayne	3140
			Cantrell South: Hamilton	3195
			Centerville East: White	3175
			Clay City-Noble Consol.: Clay, Wayne, Richland, Jasper	3020
			Coil West: Jefferson	2790
			Concord: White	2930
			Concord East: White	2895
			Crossville: White	3100
			Dale-Hoodville Consol.: Hamilton	3050
			Divide West: Jefferson	2680
			Dundas East: Richland, Jasper	2905
			Exchange: Marion	2695
			Fairfield: Wayne	3210
			Goldengate Consol.: Wayne, White	3250
			Herald: White, Gallatin	2965
			Inman: Gallatin	2735
			Inman East Consol.: Gallatin	2795
			Inman West Consol.: Gallatin	2830
			Johnsonville Consol.: Wayne	3120
			Johnsonville North: Wayne	3190
			Keensburg East (1): Wabash	2705
			Keensburg South: Wabash	2715
			Keenville: Wayne	3060
			King: Jefferson	2770
			Lancaster: Wabash, Lawrence	2665
			Lancaster Central: Wabash	2750
			Lawrence: Lawrence, Crawford	2020
			Maplegrove South: Edwards	3250
			Massilon: Wayne, Edwards	3260
			Massilon South (1): Edwards	3315
			Maud Consol.: Wabash	2610
			Maud North Consol.: Wabash	2845
			Maunie North: White	x
			Mills Prairie: Edwards	2925
			Mill Shoals: White, Hamilton, Wayne	3320
			Mt. Carmel: Wabash	2320
			Mt. Erie North: Wayne	3170
			Mt. Vernon: Jefferson	2755
			New Harmony-Keensburg Consol.: White, Wabash, Edwards	2900
			Olney Consol.: Richland	3005
			Omaha East: Gallatin	2850
			Parkersburg Consol.: Richland, Edwards	3070
			Parkersburg West: Richland, Edwards	3220
			Passport: Clay	3000
			Phillipstown Consol.: White, Edwards	3015
			Raccoon Lake: Marion	1885
			Roaches: Jefferson	2170
			Roland: White, Gallatin	3000
			Rural Hill: Hamilton	3175
			Sailor Springs Consol.: Clay, Effingham	2900
			Sesser: Franklin	2835
			Stokes-Brownsville: White	3035
			Taylor Hill: Franklin	3055
			Thackeray: Hamilton	3440
			West Frankfort: Franklin	2765
			Whittington West: Franklin	2800
			Zenith South: Wayne	2920
	Rosiclare member	Rosiclare	Aden South: Hamilton	3335
		"	Akin West: Franklin	3080
		"	Albion Consol.: Edwards, White	3130
		"	Albion East: Edwards	3125
		"	Allendale: Wabash, Lawrence	2300
		"	Alma: Marion	2085
		"	Assumption North: Christian	1170

(1) Abandoned; (x) Undetermined

System or Series	Group or Formation	Producing Strata (Sandstone unless otherwise noted)	Pool: County	Approximate depth in feet
Iowa (Lower Mississippian) series	Ste. Genevieve	Rosiclare	Barnhill: Wayne	3400
		"	Beman: Lawrence	1850
		"	Beman East: Lawrence	1860
		"	Benton North: Franklin	2775
		"	Berryville Consol.: Wabash, Edwards	2850
		"	Bible Grove North: Effingham	2835
		"	Blairsville: Hamilton	3365
		"	Bone Gap: Edwards	3230
		"	Browns: Edwards, Wabash	2975
		"	Bungay Consol.: Hamilton	3395
		"	Calhoun Consol.: Richland, Wayne	3160
		"	Calhoun North: Richland	3155
		"	Clay City-Noble Consol.: Clay, Wayne, Richland, Jasper	3030
		"	Clay City North: Clay	3010
		"	Coil West: Jefferson	2805
		"	Cooks Mills North (1): Coles	1780
		"	Dale-Hoodville Consol.: Hamilton	3060
		"	Divide East: Jefferson	2700
		"	Divide West: Jefferson	2700
		"	Dix: Marion, Jefferson	2100
		"	Dundas East: Richland, Jasper	2920
		"	Ellery North: Edwards	3320
		"	Elliottstown: Effingham	2730
		"	Evers South: Effingham	2650
		"	Fairfield: Wayne	3240
		"	Goldengate Consol.: Wayne, White	3275
		"	Goldengate North: Wayne	3335
		"	Half Moon: Wayne	3340
		"	Herald: White, Gallatin	3005
		"	Hidalgo North: Cumberland	2650
		"	Hunt City: Jasper	2540
		"	Inman: Gallatin	2800
		"	Inman East Consol.: White	2790
		"	Inman West Consol.: Gallatin	x
		"	Iola Consol. (2): Clay, Effingham	2400
		"	Johnsonville Consol.: Wayne	3150
		"	Kenner: Clay	2875
		"	King: Jefferson	2815
		"	Lancaster Central: Wabash	2810
		"	Lancaster East: Wabash	2660
		"	Lawrence: Lawrence, Crawford	1850
		"	Maplegrove East (2): Edwards	3210
		"	Mattoon: Coles	2000
		"	Maud Consol.: Wabash	2670
		"	Maud North Consol.: Wabash	2860
		"	Maunie North: White	3030
		"	Maunie South: White	2900
		"	Mill Shoals: White, Hamilton, Wayne	3345
		"	Mt. Carmel: Wabash	2350
		"	Nason: Jefferson	2790
		"	New Harmony-Keensburg Consol.: White, Wabash, Edwards	2910
		"	Parkersburg Consol.: Richland, Edwards	3100
		"	Passport: Clay	3005
		"	Passport South: Richland	3025
		"	Patoka: Marion	1560
		"	Phillipstown Consol.: White, Edwards	2960
		"	Raccoon Lake: Marion	1930
		"	Riffle: Clay	2735
		"	Ritter: Richland	3200
		"	Roaches: Jefferson	2190
		"	Roaches North: Jefferson	2120
		"	Roland: White, Gallatin	3020
		"	Rural Hill: Hamilton	3200
		"	Rural Hill North: Hamilton	3325
		"	Ste. Marie East: Jasper	2685
		"	Sailor Springs Central: Clay	3015
		"	Sailor Springs Consol.: Clay, Effingham	2900
		"	Sailor Springs North (1): Clay	2985
		"	Salem: Marion	1950
		"	Stanford: Clay	3000
		"	Stanford West: Clay	2980
		"	Stokes-Brownsville: White	3070

System or Series	Group or Formation	Producing Strata (Sandstone unless otherwise noted)	Pool: County	Approximate depth in feet
Iowa (Lower Mississippian) series	Ste. Genevieve	Rosiclare	Toliver East: Clay	2815
		"	Tonti: Marion	2125
		"	Trumbull: White	3270
		"	Wakefield (1): Jasper	3125
		"	West Frankfort: Franklin	2810
		"	Whittington West: Franklin	2780
		"	Woodlawn: Jefferson	2205
		McClosky "lime"	Aden Consol.: Hamilton, Wayne	3350
		"	Aden South: Hamilton	3385
		"	Akin: Franklin	3270
		"	Akin West: Franklin	3130
		"	Albion Consol.: Edwards, White	3140
		"	Albion East: Edwards	3155
		"	Allendale: Wabash, Lawrence	2300
		"	Amity: Richland	2960
		"	Barnhill: Wayne	3450
		"	Belle Prairie: Hamilton	3420
		"	Belle Rive: Jefferson	3085
		"	Beman East: Lawrence	1880
		"	Bennington: Edwards, Wayne	3240
		"	Bennington South (1): Edwards	3240
		"	Benton North: Franklin	2850
		"	Berryville Consol.: Wabash, Edwards	2900
		"	Bible Grove North: Effingham	2875
		"	Blairsville: Hamilton	3425
		"	Bogota: Jasper	3110
		"	Bogota North (1): Jasper	3080
		"	Bogota South: Jasper	3055
		"	Bone Gap: Edwards	3240
		"	Bone Gap South: Edwards	3055
		"	Bonpas: Richland	3120
		"	Browns: Edwards, Wabash	3000
		"	Browns South: Edwards	3110
		"	Bungay Consol.: Hamilton	3430
		"	Burnt Prairie South: White	3415
		"	Calhoun Consol.: Richland, Wayne	3180
		"	Calhoun East: Richland	3270
		"	Calhoun North: Richland	3170
		"	Carmi (1): White	3150
		"	Centerville: White	3370
		"	Centerville East: White	3230
		"	Cisne North: Wayne	3170
		"	Clay City-Noble Consol.: Clay, Wayne, Richland, Jasper	3050
		"	Clay City North: Clay	3020
		"	Clay City West: Clay	3065
		"	Coil: Wayne	2970
		"	Coil West: Jefferson	2880
		"	Concord: White	2990
		"	Concord Central: White	2970
		"	Concord East Consol.: White	2860
		"	Concord North: White	3035
		"	Covington South: Wayne	3310
		"	Crossville: White	3125
		"	Dahlgren: Hamilton	3300
		"	Dale-Hoodville Consol.: Hamilton	3075
		"	Divide: Jefferson	2750
		"	Divide East: Jefferson	2750
		"	Divide South: Jefferson	2880
		"	Divide West: Jefferson	2750
		"	Dundas East: Richland, Jasper	2950
		"	Eberle: Effingham	2820
		"	Elbridge: Edgar	950
		"	Eldorado: Saline	2945
		"	Elk Prairie (1): Jefferson	2735
		"	Ellery: Edwards, Wayne	3345
		"	Ellery North (2): Edwards	3420
		"	Ellery South: Edwards	3300
		"	Enfield: White	3420
		"	Epworth: White	3115
		"	Evers (1): Effingham	2660
		"	Ewing: Franklin	2970
		"	Exchange: Marion	2730

System or Series	Group or Formation	Producing Strata (Sandstone unless otherwise noted)	Pool: County	Approximate depth in feet
Iowa (Lower Mississippian) series	Ste. Genevieve	Fredonia member	McClosky "lime"	Flora: Clay 2965
			"	Flora South: Clay 2985
			"	Goldengate Consol.: Wayne, White 3310
			"	Goldengate North: Wayne 3310
			"	Gossett (1): White 3080
			"	Half Moon: Wayne 3355
			"	Herald: White, Gallatin 3010
			"	Hidalgo (1): Jasper 2600
			"	Hill: Effingham 2570
			"	Hoodville East (1): Hamilton 3365
			"	Hunt City South: Jasper 2435
			"	Ina North (1): Jefferson 2940
			"	Ingraham (1): Clay 3100
			"	Inman East Consol.: Gallatin 2800
			"	Inman West Consol.: Gallatin 2875
			"	Iola Consol. (2): Clay, Edwards 2425
			"	Iola South: Clay 2580
			"	Iola West (1): Clay 2495
			"	Iron: White 3060
			"	Iuka: Marion 2870
			"	Johnsonville Consol.: Wayne 3160
			"	Johnsonville North: Wayne 3250
			"	Johnsonville South (2): Wayne 3200
			"	Johnsonville West (2): Wayne 3105
			"	Keensburg East (1): Wabash 2710
			"	Keenville: Wayne 3100
			"	Kell (1): Jefferson 2625
			"	Kenner: Clay 2930
			"	Kenner North: Clay 2970
			"	Kenner West: Clay 2870
			"	King: Jefferson 2840
			"	Lancaster: Wabash, Lawrence 2690
			"	Lancaster Central: Wabash 2815
			"	Lancaster South: Wabash 2720
			"	Lawrence: Lawrence, Crawford 1860
			"	Lexington: Wabash 2970
			"	Lillyville: Cumberland, Effingham 2425
			"	Long Branch: Saline 3190
		"	Oblong "sand"	Main: Crawford 1340
		"	McClosky "lime"	Maple Grove: Edwards 3270
		"	"	Maple Grove East (2): Edwards 3230
		"	"	Marcoc (1): Jefferson 2750
		"	"	Markham City: Jefferson 3070
		"	"	Markham City North: Jefferson, Wayne 3075
		"	"	Markham City West: Jefferson 3035
		"	"	Mason: Effingham 2500
		"	"	Mattoon: Coles 2010
		"	"	Maud Consol.: Wabash 2630
		"	"	Maud North Consol.: Wabash 2880
		"	"	Maunie North: White 3030
		"	"	Maunie South: White 2920
		"	"	Maunie West (1): White 3040
		"	"	Mayberry: Wayne 3350
		"	"	Mayberry North (1): Wayne 3335
		"	"	Merriam: Wayne 3370
		"	"	Miletus: Marion 2350
		"	"	Mill Shoals: White, Hamilton, Wayne 3440
		"	"	Mitchell: Edwards 3305
		"	"	Mt. Carmel: Wabash 2360
		"	"	Mt. Erie North: Wayne 3245
"	"	Mt. Vernon: Jefferson 2800		
"	"	New Harmony-Keensburg Consol.: White, Wabash, Edwards 2930		
"	"	New Harmony South: White 3010		
"	"	New Haven Consol.: White 2820		
"	"	Newton (2): Jasper 2950		
"	"	Newton North (1): Jasper 2855		
"	"	Newton West (1): Jasper 2990		
"	"	Olney Consol.: Richland 3050		
"	"	Olney South (2): Richland 3100		
"	"	Omega: Marion 2490		
"	"	Orchardville: Wayne 2900		
"	"	Parkersburg Consol.: Richland, Edwards 3130		
"	"	Parkersburg North: Richland 3085		



System or Series	Group or Formation	Producing Strata (Sandstone unless otherwise noted)	Pool: County	Approximate depth in feet
Iowa (Lower Mississippian) series	Ste. Genevieve	McClosky "lime"	Parkersburg West: Richland, Edwards	3250
		"	Passport: Clay	3020
		"	Phillipstown Consol.: White, Edwards	3000
		"	Raccoon Lake: Marion	1950
		"	Ridgway (1): Gallatin	2840
		"	Rinard (1): Wayne	3145
		"	Roaches: Jefferson	2250
		"	Roaches North: Jefferson	x
		"	Roland: White, Gallatin	3050
		"	Rural Hill: Hamilton	3230
		"	Russellville: Lawrence	1560
		"	Ste. Marie: Jasper	2840
		"	Ste. Marie East: Jasper	2710
		"	Ste. Marie West: Jasper	2815
		"	Sailor Springs Consol.: Clay, Effingham	2925
		"	Salem: Marion	1990
		"	Schnell: Richland	3000
		"	Seminary: Richland	3200
		"	Sesser: Franklin	2860
		"	Shawneetown North: Gallatin	3045
		"	Stanford: Clay	3030
		"	Stanford South: Clay	3090
		"	Stanford West: Clay	3035
		"	Stokes-Brownsville: White	3120
		"	Storms: White	3055
		"	Stringtown: Richland	3025
		"	Stringtown East: Richland	3010
		"	Sumner: Lawrence	2260
		"	Thackeray: Hamilton	3505
		"	Thompsonville (1): Franklin	3120
		"	Toliver (1): Clay	2790
		"	Toliver East: Clay	2840
		"	Tonti: Marion	2130
		"	Trumbull: White	3290
		"	Valier: Franklin	2715
		"	Walpole: Hamilton	x
		"	West End: Hamilton, Saline	3275
		"	West Frankfort: Franklin	2825
		"	Whittington: Franklin	2870
		"	Whittington West: Franklin	2900
		"	Willow Hill East: Jasper	2645
		"	Woodlawn: Jefferson	2200
		"	Zenith: Wayne	2970
		"	Zenith South: Wayne	2985
	St. Louis	St. Louis ls.	Clay City-Noble Consol.: Clay, Wayne, Richland, Jasper	2935
		"	Ina (1): Jefferson	3000
		"	Iuka: Marion	x
		Martinsville "sand"	Martinsville: Clark	480
		St. Louis ls.	Roland: White, Gallatin	x
		"	Salem: Marion	2100
		"	Whittington: Franklin	3080
	St. Louis-Salem	Westfield ls.	Westfield: Clark, Coles, Edgar	330
	Salem	Salem ls.	Aden Consol.: Hamilton, Wayne	3735
		"	Barnhill: Wayne	3795
		"	Jacksonville gas (1): Morgan	330
		"	Lawrence: Lawrence, Crawford	1955
		"	Main: Crawford	1815
		"	Salem: Marion	2160
	Osage group	Carper	Johnson North: Clark	1325
		"	Martinsville: Clark	1340
Devonian		Devonian ls.	Assumption: Christian	2325
		"	Assumption North: Christian	2300
		"	Bartelso: Clinton	2420
		"	Bartelso South: Clinton	2470
		"	Boulder: Clinton	2630
		"	Centralia: Clinton, Marion	2870
		"	Clay City-Noble Consol.: Clay, Wayne, Richland, Jasper	4350

System or Series	Group or Formation	Producing Strata (Sandstone unless otherwise noted)	Pool: County	Approximate depth in feet
Devonian system		Hoing	Colmar-Plymouth: Hancock, McDonough	450
		Devonian ls.	Edinburg: Christian	1810
		"	Elbridge: Edgar	1950
		"	Irvington: Washington	3090
		"	Louden: Fayette, Effingham	3000
		"	Main: Crawford	2795
		"	Martinsville: Clark	1550
		"	Patoka: Marion	2835
		"	Salem: Marion	3430
		"	Sandoval: Marion	2920
		"	Sesser: Franklin	4360
		"	Sorento (2): Bond	1850
		"	Tonti: Marion	3500
		"	Weaver: Clark	2040
		"	Woburn South: Bond	2275
		"	Woodlawn: Jefferson	3700
Dev.- Sil.		Devonian- Silurian ls.	Collinsville (1): Madison Waverly gas: Morgan	1300 1000
Silurian system		Silurian ls.	McKinley: Washington	2240
		"	Marine: Madison	1735
		"	Mt. Auburn: Christian	1890
		"	Roby: Sangamon	1775
		"	Pittsfield (Pike Co.) gas (1): Pike	270
Ordovician system		"Trenton" ls.	Centralia: Clinton	3930
		"	Craig: Perry	3650
		"	Dupo: St. Clair	700
		"	Martinsville: Clark	2770
		"	St. Jacob: Madison	2260
		"	Salem: Marion	4500
		"	Shattuc: Clinton	4020
		"	Waterloo (2): Monroe	410
		"	Westfield: Clark, Coles, Edgar	2260
		"	Woburn South: Bond	3170

(1) Abandoned; (2) Abandoned, revived

UNIVERSITY OF ILLINOIS-URBANA



3 0112 059589462